

# Converting Colors

Hex(CE9D83)

Have a look what the booklet for  
Hex(CE9D83) contains.

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# **Color**

**Hex(CE9D83)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CE9D83
RGB	206, 157, 131
RGB Percent	81%, 62%, 51%
CMY	0.1922, 0.3843, 0.4863
CMYK	0.00, 0.24, 0.36, 0.19
HSL	21°, 43%, 66%
HSV	21°, 36%, 81%
XYZ	41.6073, 38.8744, 26.7833
YIQ	168.6870, 37.5500, 2.3020

# Conversions

## Conversions Part 2

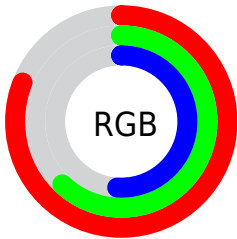
Format	Color
<a href="#">RYB</a>	<a href="#">206, 171, 131</a>
Decimal	<a href="#">13540739</a>
CIELab	<a href="#">68.66, 14.73, 20.65</a>
CIElCh	<a href="#">69, 25.369, 54.497</a>
Yxy	<a href="#">38.8744, 0.3879, 0.3624</a>
Android (android.graphics.Color)	<a href="#">4291730819</a> ( <a href="#">0xFFCE9D83</a> )
YUV	<a href="#">168.6870, -18.5797, 32.7235</a>
Hunter-Lab	<a href="#">62.3494, 10.0061, 18.1755</a>

# Details

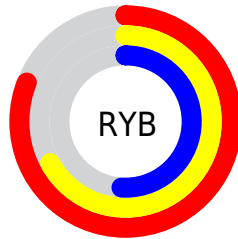
The Hex color **CE9D83** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **83B4CE**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **FFD4B8**, and **966A51** is the 20% darker color. If you saturate the color by 10%, you get **CE906E**, and if you desaturate by 10%, it is **CEAA98**.

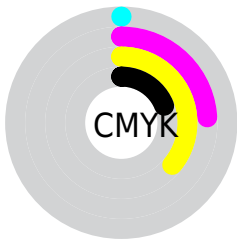
# Distribution



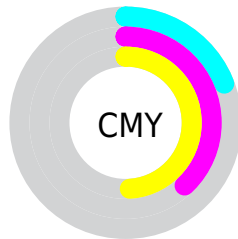
- Red (81%)
- Green (62%)
- Blue (51%)



- Red (81%)
- Yellow (67%)
- Blue (51%)



- Cyan (0%)
- Magenta (24%)
- Yellow (36%)
- Black (19%)



- Cyan (19%)
- Magenta (38%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CE9D83 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color CE9D83 by changing the saturation by 10% instead.



 CE9D83

 CE9D83

FFFFFF

 B2836A

 FFD4B8

 966A51

 FFF0D4

 7B513A

 FFFFF0

 613A24

 48240F

 2F0F00

 140000

 000000

 CE9D83

 CE9D83

 CE906E

 CEAA98

 CE825A

 CEB8AC

 CE7545

 CEC5C1

 CE6731

 CED3D5

 CE5A1C

 CEE0EA

 CE4C07

 CEEEFF

 CE4700

 CEFBFF

 CEFFFF

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



D69896



CE9D83



BCA57A

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



CE9D83



72B4A2



A5A3D1

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



CE9D83



83B4CE

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85ABD5



CE9D83



64B4BA

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



CE9D83



8AB18C



6BB1CC



C19CC2

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CE9D83



ADAA7B



6BB1CC



9BA6D4

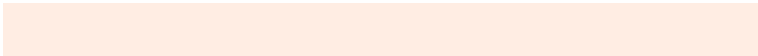


# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



CE9D83



FFEDE3



CE83B5



80756F



000000



808080



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



CE9D83



FFB68F



CEC283



665F5C



A63900



260D00

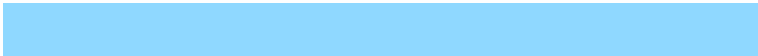


# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



83B4CE



8FD8FF



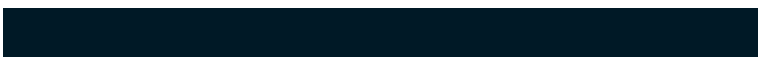
8390CE



5C6266



006CA6



001926



# Previews

## White Background



This preview shows how the Hex color CE9D83 looks on a white background.

## Color Contrast Check

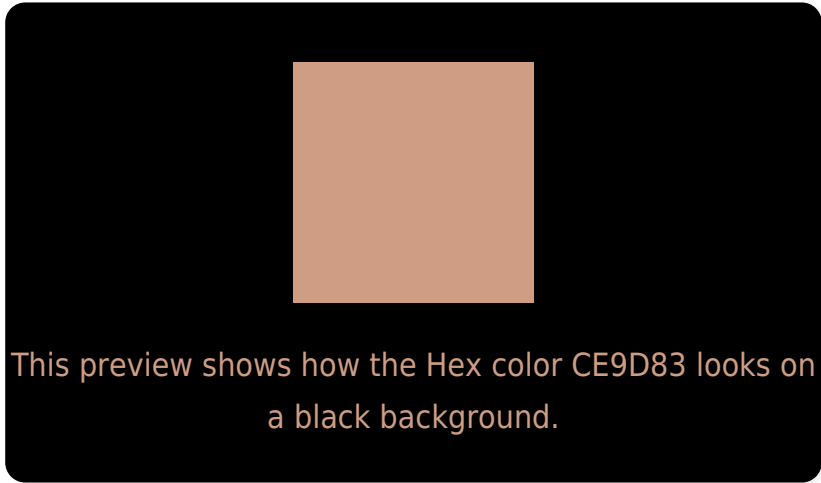
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

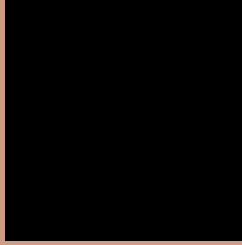
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CE9D83 Background



This preview shows how black text looks on a background with the Hex color CE9D83.

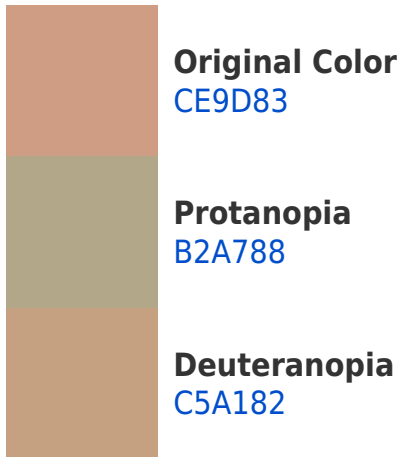


This preview shows how white text looks on a background with the Hex color CE9D83.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





**Tritanopia**  
D198A4

# Trichromacy



**Original Color**  
CE9D83

**Protanomaly**  
BCA386

**Deuteranomaly**  
C8A082

**Tritanomaly**  
D09A98

# Monochromacy



**Original Color**  
CE9D83

**Achromatopsia**  
A9A9A9

**Achromatomaly**  
B6A59B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CE9D83 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #CE9D83 looks like.

```
.text, #text, p{  
    color:#CE9D83  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #CE9D83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE9D83
}
```

## Border

The CSS property to change the border of an element to Hex CE9D83 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CE9D83 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#CE9D83 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #CE9D83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE9D83; -webkit-box-shadow:4px 4px  
4px 4px #CE9D83; box-shadow:4px 4px 4px  
4px #CE9D83 }
```

# Background

The CSS property to change the background color of an element to Hex CE9D83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE9D83 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#CE9D83 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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